

Gregory B. Johnson, MS, PE

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Page 1

QUALIFICATIONS and EXPERTISE

- Principal and founder of Greatwood Engineering Management LLC. An engineering project management firm with clients throughout New York and New England and projects nationwide
 - Registered Professional Engineer with more than twenty years of experience in civil and environmental fields.
 - Development of alternative energy projects including more than 220 MW of commercial scale wind and multiple solar IPP facilities ranging from 0.5 to 2 MW.
 - Multiple development of projects that include 1.4 million square feet in 22 acres of a downtown area and revitalization of impacted urban properties into residential communities.
 - Managed multi-faceted hazardous waste sites on both federal and State level, achieving goals of designing efficient investigations, targeted remediation's, cost efficient monitoring activities to achieve closure.
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SELECTED ACCOMPLISHMENTS

- Established a project management consulting firm in 1997 realizing 560% growth over 12 years. Company provided owner representation and project management expertise in the Environmental Engineering fields. Industries served included Alternative Power Companies, Insurance Companies, Real Estate Development Firms and National Mortgage Companies.
- Project management of development, permitting and design of more than 220 MW of alternative energy projects in Northeast and New York. Responsible for all outside consultants and development of internal response to project needs. Managed and coordinated multiple areas including: impacts to wetlands and wild life, storm water management, visual impacts, birds and bats and historical/archeological. Coordinated landowner negotiations and provided expert witness testimony on a variety topics
- Developed multiple solar power arrays for an IPP ranging from 0.5 to 2.0 MW. Responsible for all aspects of the project including negotiating with power companies, regulatory bodies, landowners, and public.
- \$100 million downtown redevelopment- key team member from inception through construction. Led environmental response, historic/archeological investigation aspects, energy efficiency and civil design. Project included design, permitting and funding for the development of 1.4 million square feet within a 22 acre development area.
- Managed the investigation and closure of environmental concerns involved with an automobile salvage yard in the Brooklyn NY which included negotiations between the State of New York and City of New York's regulatory body for environmental and stormwater issues.
- Strong Environmental Project Management skills yielded consistent **minimum** cost savings of 60% on **all** impacted sites.
- Opened a division of Greatwood that coordinates and audits the due diligence review practices for multiple regional banks and national mortgage companies. Annual portfolio evaluation in excess of \$300 Million.

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Page 2

EMPLOYMENT HISTORY

THE GREATWOOD MANAGEMENT COMPANY, LLC

Environmental and Civil Management: Shelburne, Vermont. 1997 to Present
Owner/Principal

THE JOHNSON COMPANY, INC.

Environmental Sciences and Engineering: Montpelier, Vermont. 1987 - 1999.
Senior Engineer

TUFTS UNIVERSITY

Department of Civil Engineering: Medford, Massachusetts. 1987 - 1989.
Graduate Assistant/Laboratory Manager-Instructor

MICHIGAN STATE UNIVERSITY

Department of Civil/Environmental Engineering: East Lansing, Michigan. 1986 - 1987.
Graduate Assistant/Laboratory Manager-Instructor

UNIVERSITY OF VERMONT

Vermont Rehabilitation Engineering Center: Burlington, Vermont. 1984 - 1986.
Biomechanical Technician Level II

EXPERT WITNESS/TESTIMONY

- Brod v OMYA, Expert Witness on Remedial Actions; US District Court, District of Vermont, Magistrate Judge Jerome Niedermeier. March 2009.
 - Marks v Krag, Vermont Environmental Court. May 2009
 - Ouimette and Runcie. Dry Cleaning Contamination, Barre VT 2005-2008
 - Vermont Environmental Law Clinic, South Royalton, VT 2004-2009
 - Canandaigua Power Partners, NYS Public Service Commission, 2007
 - Starwood Development vs State of Vermont Environmental Board, 2003
 - Real Hospitality vs State of Vermont Agency of Transportation, 2003
 - IBM vs State of Vermont, 1998
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EDUCATION

TUFTS UNIVERSITY - Medford, Massachusetts. 1987 - 1989.

Masters of Science, Civil Engineering. Co-recipient Earl F. Littleton Scholarship Award

MICHIGAN STATE UNIVERSITY East Lansing, Michigan. 1986 - 1987.

Master Level Course Work and Instructor

UNIVERSITY OF VERMONT Burlington, Vermont. 1980 - 1984.

Bachelors of Arts in Zoology.

PUBLICATIONS AND PRESENTATIONS

ENVIRONMENTAL ENGINEERING:

- Chudyk, W.; K. Pohlig, N. Rico, and G. Johnson. Field Screening for Aromatic Organics Using Laser-Induced Florescence and Fiber Optics. Invited paper to the EPA/EMSL First International Symposium: Field Screening Methods for Hazardous Waste Site Investigations, Las Vegas, Nevada, October 11-13, 1988.
- Chudyk, W.; K. Pohlig, N. Rico, and G. Johnson. Groundwater Monitoring Using Laser Florescence and Fiber optics. Invited paper to the Chemical and Biomedical Applications of Optical Fibers Section, SPIE Annual Conference, Boston, Massachusetts, September 6-9, 1988.
- Chudyk, W.; K. Pohlig, N. Rico, and G. Johnson. Use of Laser-Induced Fluorescence and Fiber Optics in Groundwater Monitoring. Invited paper to the Federation of Analytical Chemistry and Spectroscopic Societies XV Annual Meeting, Boston, Massachusetts, October 30-November 4, 1988.
- Pohlig KO, Chudyk WC, Rico NF, and Johnson GB: Comparison of In-situ laser-induced Fluorescence Measurements with GC Measurements at Contaminated Gasoline Stations. Eastern Regional Conference of the National Water Well Association, Stanford, Connecticut. September 27-29, 1988.
- Voice, T.C.; M.L. Davis, G.B. Johnson and L.L. Sturgess. Evaluation of Chromium Recovery Opportunities in a Leather Tannery. Hazardous Waste and Hazardous Materials, Vol. 5(4), 1988.

BIOMECHANICAL ENGINEERING:

- Gill K, Johnson G, Haugh L, Krag M, and Pope M: Reproducibility of Four Clinical Methods for Assessment of Lumbar Spinal Motion. Poster presentation at the 54th Annual Meeting of the Academy of Orthopaedic Surgeons. San Francisco, California, January 1987.
- Krag MH, Byrne KB, Gilbertson LG, Johnson GB, and Haugh LD: Measurement of Trunk Muscle Atrophy Produced by Lumbar Spine Orthoses Using Ultrasound. Presented at the Rehabilitation Engineering Society of North America, 9th Annual Conference, Minneapolis, MN, June, 1986.
- Krag MH, Byrne KB, Gilbertson LG, Johnson GB, and Pope MH: Determination of Trunk Muscle Dimensions Using Ultrasound: Implications for Low Back Pain Research. American Society of Mechanical Engineers, Winter Annual Meeting, Miami, FL, 1985.
- Krag MH, Byrne KB, Gilbertson LG, Johnson GB, and Pope MH: Trunk Muscle Morphometry by Ultrasound. 38th Annual Conference for Engineering in Medicine and Biology, Chicago, IL, 1985.
- Krag MH, Byrne KB, Gilbertson LG, Johnson GB, and Pope MH: Ultrasound Measurements of Trunk Atrophy Produced by Lumbar Spine Orthoses. Poster presentation at the 32 Annual Meeting of the Orthopaedic Research Society, New Orleans, LA, February 1986.
- Krag MH, Byrne KB, Johnson GB, Moffroid M, Stokes IAF, Bigalow LC, and Haugh LD: Ultrasound Determination of the Effect of Exercise on Trunk Muscle Bulk. Presented at the North American Congress on Biomechanics, Montreal, Canada, August 1986.
- Krag MH, Gilbertson LG, Johnson GB, Pope MH, and Byrne KB: Trunk Muscle Dimensions Using Ultrasound Scans: An Objective Tool for Low Back Pain Rehabilitation and Biomechanical Research. Rehabilitation Engineering Society of North America, 8th Annual Conference, Memphis, TN, 1985.
- Krag MH, Miller L, Byrne KB, Gilbertson LG, and Johnson GB: Objective Determination of Trunk Muscle Dimensions Using Ultrasound; Implications for Low Back Pain Research. Poster presentation at the North American Congress on Biomechanics, Montreal, Canada, August, 1986.
- Moffroid M, Stokes IAF, Johnson GB, Rush S, and Haugh LD: Trunk Curls Do Not Strengthen Rectus Abdominis Muscles. Presented at the Annual Meeting of the American Physical Therapy Association. Chicago, IL, June 1986.